

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("9608020").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/06 11:49
L3	428763	"x-ray" or "x ray"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/06 13:48
L4	745583	insulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/06 13:48
L5	2613	3 same l4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/06 13:48
L6	200621	resistivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/06 13:49
L7	185	3 same l4 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/06 13:49
S1	4	((("5756936") or ("4543207"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/22 19:15
S2	1	10/560644.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/22 19:46
S3	8073	transformer near2 oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:24
S4	260	transformer near2 oil with additive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:24
S5	18	transformer near2 oil with additive and castor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:24

S6	17	transformer near2 oil with additive and castor and ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:26
S7	7	((transformer or insulat\$4) near2 oil) with particle and castor and ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:26
S8	138	((transformer or insulat\$4) near2 oil) and particle and castor and ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:27
S9	5	((transformer or insulat\$4) near2 oil) and (hollow with particle) and castor and ester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:27
S10	70	((transformer or insulat\$4) near2 oil) and (hollow with particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:29
S11	226	174/137b.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:33
S12	36	174/137b.ccls. and transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:33
S13	2	("20020094443").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/23 12:34
S14	283	(foam near2 insulat\$4) and ("x-ray" or "x ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/23 12:35
S15	2	("6498303").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/25 15:46
S16	0	178/138r.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:07
S17	0	178/137r.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:07
S18	272	174/137r.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:07

S19	810	174/138r.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:08
S20	189	"252"/\$.cds. and (silan\$4 with coat\$4 with (particle or filler or sphere))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:10
S21	16	"252"/\$.cds. and (silan\$4 with coat\$4 with (particle or filler or sphere)) and foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:10
S22	25	"252"/\$.cds. and (silan\$4 with coat\$4 with (particle or filler or sphere)) and insulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:14
S23	486	"252"/\$.cds. and (aerogel or xerogel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:20
S24	185	"252"/\$.cds. and (aerogel or xerogel) and insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:22
S25	1050	"252"/\$.cds. and foam same insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:25
S26	835	"252"/\$.cds. and foam with insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:25
S27	68	"252"/\$.cds. and foam with insulat\$4 with electrical\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:26
S28	208	"252"/\$.cds. and foam with (conductive or electroconductive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:27
S29	0	"252"/\$.cds. and (adhesion near2 promotoe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:32
S30	612	"252"/\$.cds. and (adhesion near2 promoter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:32
S31	81	"252"/\$.cds. and (adhesion near2 promoter) and foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/04/25 16:32

S32	135711	voltage with insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/20 15:14
S33	1099	voltage with insulat\$4 and "252"/\$. cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/20 15:14
S34	1	10/811202.app. and carbon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/20 19:04
S35	1	10/560644.app. and "basic substance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/22 17:26
S36	630	insulation same microsphere	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/22 17:48
S37	66	insulation same microsphere and ("high voltage" or transformer or "x ray" or "x-ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/22 17:48
S38	27	insulation same microsphere and ("high voltage" or transformer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/22 17:51
S39	15	hybrid near2 insulation and transformer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/22 18:03
S40	1	10/560644.app. and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/22 18:10
S41	29	insulat\$4 same foam and ("high voltage" or transformer) and "252"/\$. cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/22 18:49
S42	141	insulat\$4 same foam and ("high voltage" or transformer) and "174"/\$. cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/22 18:49
S43	3	"4219791".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 14:17
S44	14	("2797201"   "3133821"   "3246271"   "3256105"   "3425577"   "3611225"   "3683495"   "3720897"   "3775719").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/23 14:19

S45	8	("4219791").URPN.	USPAT	OR	ON	2008/10/23 15:25
S46	0	10/811202.app.	USPAT	OR	ON	2008/10/23 16:16
S47	55706	(microsphere or (hollow near2 sphere))	US-PGPUB; USPAT	OR	ON	2008/10/23 17:15
S48	848915	insulat\$4	US-PGPUB; USPAT	OR	ON	2008/10/23 17:16
S49	3055099	s S47 same S48	US-PGPUB; USPAT	OR	ON	2008/10/23 17:16
S50	1405	S47 same S48	US-PGPUB; USPAT	OR	ON	2008/10/23 17:16
S51	0	S50 and "334"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/23 17:16
S52	2	S50 and "336"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/23 17:16
S53	329790	(foam or (open near2 cell) or (close\$1 near2 cell))	US-PGPUB; USPAT	OR	ON	2008/10/23 17:17
S54	294	S47 same S48 same S53	US-PGPUB; USPAT	OR	ON	2008/10/23 17:18
S55	330492	(foam or (open near2 cell \$2) or (close\$1 near2 cell \$2))	US-PGPUB; USPAT	OR	ON	2008/10/23 17:21
S56	294	S47 same S48 same S53	US-PGPUB; USPAT	OR	ON	2008/10/23 17:21
S57	10292	(microsphere or (hollow near2 sphere)) with (coat \$4 or layer)	US-PGPUB; USPAT	OR	ON	2008/10/23 17:23
S58	294	S47 same S48 same S53	US-PGPUB; USPAT	OR	ON	2008/10/23 17:23
S59	84	S57 same S55 same S48	US-PGPUB; USPAT	OR	ON	2008/10/23 17:23
S60	1393	(microsphere or (hollow near2 sphere)) with (conduct\$4)	US-PGPUB; USPAT	OR	ON	2008/10/23 17:25
S61	10	S60 same S55 same S48	US-PGPUB; USPAT	OR	ON	2008/10/23 17:25
S62	0	S60 and S55 and S48	USOCR	OR	ON	2008/10/23 17:28
S63	0	S60 and S55 and S48	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/23 17:28
S64	26	syntactic near2 foam and "174"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/13 13:31
S65	2	"5756936".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/13 13:35

S66	6	("3585274"   "3670091"   "3816639"   "4304616"   "4412029"   "4579882").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/13 13:35
S67	4	("5756936").URPN.	USPAT	OR	ON	2009/01/13 13:35
S68	43	syntactic near2 foam and high near2 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/13 13:45
S69	4	syntactic near2 foam and 252/500-521.6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/13 14:16
S70	2181	(high near2 voltage near2 insulat\$4).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/14 16:12
S71	121	S70 and generator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/14 16:12
S72	917	generator near2 rod	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/14 16:35
S73	134	(generator near2 rod).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/14 16:36
S74	118	generator near2 bobbin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/14 16:38
S75	9127	cantor near2 colburn	US-PGPUB	OR	ON	2009/01/14 17:20
S76	11	field near2 insulation and syntactic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/20 19:02
S77	110	cable with insulation same flashover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 13:56
S78	0	cable with insulation same flashover and microsphere	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 13:56
S79	68	cable with insulation same flashover and (high near2 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 13:57

S80	0	cable with insulation same flashover and (high near2 voltage) and (charge near2 dissipation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 13:57
S81	0	cable with insulation same flashover and "252"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 13:58
S82	13	insulation same flashover and "252"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 13:58
S83	7	cable with insulation same flashover and (carbon near2 black)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 14:04
S84	2	cable and insulation and foam and "carbon black" and flashover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 14:51
S85	4	insulation and foam and "carbon black" and flashover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 14:53
S86	555	insulation with flashover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 14:54
S87	18	insulation with flashover and (carbon near2 black)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 14:54
S88	5411	(high near2 voltage) and insulat\$4 and "carbon black"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:08
S89	302	(high near2 voltage) and insulat\$4 and "carbon black" and "252"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:08
S90	103	(high near2 voltage) same insulat\$4 and "carbon black" and "252"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:08
S91	67	(high near2 voltage) with insulat\$4 and "carbon black" and "252"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:09
S92	16	(high near2 voltage) with insulat\$4 and "carbon black" and "252"/\$.ccls. and (flashover or breakdown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:12

S93	26	((high near2 voltage) with insulat\$4 and "carbon black" and "252"/\$.ccls. and (flashover or breakdown or corona)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:16
S94	2	((high near2 voltage) with insulat\$4) and "carbon black" and "252"/\$.ccls. and (flashover or breakdown or corona) and ("x ray" or "x-ray")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:22
S95	0	((high near2 voltage) with insulat\$4) and "carbon black" and "252"/\$.ccls. and (flashover or breakdown or corona) and (surface near2 charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:46
S96	0	((high near2 voltage) with insulat\$4) and "carbon black" and "252"/\$.ccls. and (surface near2 charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:46
S97	99	((high near2 voltage) with insulat\$4) and "carbon black" and (surface near2 charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 15:46
S98	1	10/560644.app. and (basic near2 substance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 17:21
S99	5	S97 and (cathode near2 ray)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 19:45
S100	3	S90 and (cathode near2 ray)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/21 19:45
S101	4	("4109098").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/21 20:40
S102	52	("4109098").URPN.	USPAT	OR	ON	2009/03/21 20:40
S103	2077	syntactic near2 foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/02 18:52
S104	1843058	insulating or insulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/02 18:52



S105	581	S103 and S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/02 18:53
S106	6146	flashover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/02 18:53
S107	4	S103 and S104 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/02 18:53
S108	48598	specific near2 resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/02 18:53
S109	3	S103 and S104 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/02 18:54
S110	9	S103 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/02 18:55
S111	727	microsphere and "252"/\$. cols.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 10:24
S112	10	microsphere and "252"/\$. cols. and (specific near2 resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 10:24
S113	146754	electrical near2 insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:28
S114	48613	(specific near2 resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:28
S115	287	S113 same S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:28
S116	6147	flashover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:32
S117	3	S113 same S114 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:32

S118	18116	252/500-521.6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:46
S119	156159	electrical near2 insulat\$4 or ("high voltage" near2 insulat \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:47
S120	744	S118 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:47
S121	14	S118 and S119 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:48
S122	165	(high near2 voltage near2 insulat\$4).ti. and filler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 11:56
S123	3	(high near2 voltage near2 insulat\$4).ti. and filler and "specific resistance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 12:00
S124	77848	(flashover or breakdown) near2 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 12:30
S125	2166	S124 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 12:30
S126	745365	insulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 12:30
S127	70	S124 and S114 and S126 and filler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 12:31
S129	75939	microsphere\$1 or (glass near2 sphere\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 14:41
S130	5	S124 and S114 and S126 and S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 14:43
S131	15300	(hollow near2 sphere)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 14:52

S132	1	S124 and S114 and S126 and S131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 14:52
S133	86660	microsphere\$1 or (glass near2 sphere\$1) or (hollow near2 sphere\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 15:07
S134	3868602	conduct\$3 or electrocond\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 15:08
S135	2300	S133 with S134	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 15:08
S136	2077	syntactic near2 foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 15:09
S137	62	S135 and S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 15:09
S138	2	S135 and S136 and S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 15:09
S139	1	S135 and S136 and "specific resistance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 15:10
S140	3009358	filler or particle\$1 or floc or additive\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 15:41
S141	25	S135 and "specific resistance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 16:54
S142	42	S135 and semiconductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 16:56
S143	242933	(specific near2 resistance) or resistivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 17:51
S144	2	("5,232,775,.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/03 17:51

S145	20	S143 and S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/03 18:21
S146	1	10/560644.app. and (basic near2 substance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/04 17:15
S147	207	(high near2 voltage near2 insulat\$4).ti. and oil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/04 18:32
S148	312936	sphere or microsphere or microballoon or cenosphere	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:06
S149	1740343	coated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:06
S150	6617	S148 near2 S149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:06
S151	18126	252/500-521.6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:06
S152	110	S150 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:06
S153	200621	resistivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:06
S154	58	S150 and S151 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:06
S155	11248	syntactic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:08
S157	5	S150 and S155 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:08
S158	13820	(coated\$3 or surface or layer\$ed) with (glass near5 (powder or spher\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:09

S159	143	S158 and S153 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:10
S160	112593	"174"/\$.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:19
S161	32	"174"/\$.cds. and S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:19
S162	3	"174"/\$.cds. and S155 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:20
S163	0	S158 and S153 and S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:27
S164	868	S158 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:27
S165	526	S158 and S153 and insulat \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:28
S166	0	"174"/\$.cds. and S155 and S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:28
S167	44794	semiconductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:39
S168	685	(S148 or S158) and S153 and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:40
S169	43	(S148 or S158) same S153 same S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 11:40
S170	1217	"174"/\$.cds. and S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 12:40
S171	55	"174"/\$.cds. and S150	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 12:40

S172	2237466	sphere or microsphere or microballoon or cenosphere or particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 12:42
S173	74362	S172 near2 S149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 12:43
S174	450	"174"/\$.cds. and S173	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 12:43
S175	140	"174"/\$.cds. and S173 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 12:43
S177	16	"174"/\$.cds. and S173 and S153 and ("10.sup.10" or "10.sup.11" or "10.sup.12")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 13:51
S178	7638	S153 with ("10.sup.10" or "10.sup.11" or "10.sup.12")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 13:58
S179	5083	S153 with ("10.sup.10" or "10.sup.11" or "10.sup.12") and (S149 or S158)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 13:59
S180	13677	high near2 voltage near2 insulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 14:00
S181	50	S153 with ("10.sup.10" or "10.sup.11" or "10.sup.12") and (S149 or S158) and S180	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 14:00
S182	16	S175 and ("10.sup.10" or "10.sup.11" or "10.sup.12")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 14:02
S183	1	S153 with ("10.sup.10" or "10.sup.11" or "10.sup.12") and (S150 or S158) and S180	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 14:06
S184	0	08/251878.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 14:11
S185	3594	(high near2 voltage) same (cable and generator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 16:49

S186	745583	insulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/05 16:49
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